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14. (New) An isolated polynucleotide which hybridizes under stringent conditions to the polynucleotide of claim 13.
15. (New) An isolated antisense nucleic acid molecule comprising at least 15 contiguous nucleotides of the polynucleotide of claim 13.
16. (New) An isolated recombinant host cell containing the polynucleotide of claim 13.
17. (New) An isolated vector comprising the polynucleotide of claim 13.
18. (New) A polynucleotide comprising the nucleotide sequence of an insert contained in a clone deposited as clone number M00006949B:C07 of ATCC Deposit Number PTA-741.
19. (New) An isolated polynucleotide according to claim 13, wherein the polynucleotide is a cDNA.
20. (New) An isolated cDNA obtained by the process of amplification using a polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence of SEQ ID NO:137.
21. (New) A method for producing a polypeptide, the method comprising the steps of:
culturing a recombinant host cell containing the polynucleotide of claim 13 under conditions suitable for the expression of an encoded polypeptide;
recovering the polypeptide from the host cell culture.
22. (New) An isolated polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence having at least 90% sequence identity to a sequence selected from the group consisting of: SEQ ID NO:205, a degenerate variant of SEQ ID NO:205, and a complement of SEQ ID NO:205.
23. (New) An isolated polynucleotide which hybridizes under stringent conditions to the polynucleotide of claim 22.

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24. (New) An isolated antisense nucleic acid molecule comprising at least 15 contiguous nucleotides of the polynucleotide of claim 22.
25. (New) An isolated recombinant host cell containing the polynucleotide of claim 22.
26. (New) An isolated vector comprising the polynucleotide of claim 22.
27. (New) A polynucleotide comprising the nucleotide sequence of an insert contained in a clone deposited as clone number M00006680D:A01 of ATCC Deposit Number PTA-739.
28. (New) An isolated polynucleotide according to claim 22, wherein the polynucleotide is a cDNA.
29. (New) An isolated cDNA obtained by the process of amplification using a polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence of SEQ ID NO:205.
30. (New) A method for producing a polypeptide, the method comprising the steps of:
culturing a recombinant host cell containing the polynucleotide of claim 22 under conditions suitable for the expression of an encoded polypeptide;
recovering the polypeptide from the host cell culture.
31. (New) An isolated polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence having at least 90% sequence identity to a sequence selected from the group consisting of: SEQ ID NO:219, a degenerate variant of SEQ ID NO:219, and a complement of SEQ ID NO:219.
32. (New) An isolated polynucleotide which hybridizes under stringent conditions to the polynucleotide of claim 31.
33. (New) An isolated antisense nucleic acid molecule comprising at least 15 contiguous

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nucleotides of the polynucleotide of claim 31.

34. (New) An isolated recombinant host cell containing the polynucleotide of claim 31.

35. (New) An isolated vector comprising the polynucleotide of claim 31.

36. (New) A polynucleotide comprising the nucleotide sequence of an insert contained in a clone deposited as clone number M00005386C:G01 of ATCC Deposit Number PTA-741.

37. (New) An isolated polynucleotide according to claim 31, wherein the polynucleotide is a cDNA.

38. (New) An isolated cDNA obtained by the process of amplification using a polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence of SEQ ID NO:219.

39. (New) A method for producing a polypeptide, the method comprising the steps of:
culturing a recombinant host cell containing the polynucleotide of claim 31 under conditions suitable for the expression of an encoded polypeptide;
recovering the polypeptide from the host cell culture.

40. (New) An isolated polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence having at least 90% sequence identity to a sequence selected from the group consisting of: SEQ ID NO:322, a degenerate variant of SEQ ID NO:322, and a complement of SEQ ID NO:322.

41. (New) An isolated polynucleotide which hybridizes under stringent conditions to the polynucleotide of claim 40.

42. (New) An isolated antisense nucleic acid molecule comprising at least 15 contiguous nucleotides of the polynucleotide of claim 40.

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43. (New) An isolated recombinant host cell containing the polynucleotide of claim 40.
44. (New) An isolated vector comprising the polynucleotide of claim 40.
45. (New) A polynucleotide comprising the nucleotide sequence of an insert contained in a clone deposited as clone number M00001431A:F03 of ATCC Deposit Number PTA-739.
46. (New) An isolated polynucleotide according to claim 40, wherein the polynucleotide is a cDNA.
47. (New) An isolated cDNA obtained by the process of amplification using a polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence of SEQ ID NO:322.
48. (New) A method for producing a polypeptide, the method comprising the steps of:
culturing a recombinant host cell containing the polynucleotide of claim 40 under conditions suitable for the expression of an encoded polypeptide;
recovering the polypeptide from the host cell culture.
49. (New) An isolated polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence having at least 90% sequence identity to a sequence selected from the group consisting of: SEQ ID NO:568, a degenerate variant of SEQ ID NO:568, and a complement of SEQ ID NO:568.
50. (New) An isolated polynucleotide which hybridizes under stringent conditions to the polynucleotide of claim 49.
51. (New) An isolated antisense nucleic acid molecule comprising at least 15 contiguous nucleotides of the polynucleotide of claim 49.
52. (New) An isolated recombinant host cell containing the polynucleotide of claim 49.

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53. (New) An isolated vector comprising the polynucleotide of claim 49.

54. (New) A polynucleotide comprising the nucleotide sequence of an insert contained in a clone deposited as clone number M00027459A:G12 of ATCC Deposit Number PTA-752.

55. (New) An isolated polynucleotide according to claim 49, wherein the polynucleotide is a cDNA.

56. (New) An isolated cDNA obtained by the process of amplification using a polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence of SEQ ID NO:568.

57. (New) A method for producing a polypeptide, the method comprising the steps of:
culturing a recombinant host cell containing the polynucleotide of claim 49 under conditions suitable for the expression of an encoded polypeptide;
recovering the polypeptide from the host cell culture.

58. (New) An isolated polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence having at least 90% sequence identity to a sequence selected from the group consisting of: SEQ ID NO:590, a degenerate variant of SEQ ID NO:590, and a complement of SEQ ID NO:590.

59. (New) An isolated polynucleotide which hybridizes under stringent conditions to the polynucleotide of claim 58.

60. (New) An isolated antisense nucleic acid molecule comprising at least 15 contiguous nucleotides of the polynucleotide of claim 58.

61. (New) An isolated recombinant host cell containing the polynucleotide of claim 58.

62. (New) An isolated vector comprising the polynucleotide of claim 58.

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63. (New) A polynucleotide comprising the nucleotide sequence of an insert contained in a clone deposited as clone number M00023413D:F04 of ATCC Deposit Number PTA-758.

64. (New) An isolated polynucleotide according to claim 58, wherein the polynucleotide is a cDNA.

65. (New) An isolated cDNA obtained by the process of amplification using a polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence of SEQ ID NO:590.

66. (New) A method for producing a polypeptide, the method comprising the steps of:
culturing a recombinant host cell containing the polynucleotide of claim 58 under conditions suitable for the expression of an encoded polypeptide;
recovering the polypeptide from the host cell culture.

67. (New) An isolated polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence having at least 90% sequence identity to a sequence selected from the group consisting of: SEQ ID NO:635, a degenerate variant of SEQ ID NO:635, and a complement of SEQ ID NO:635.

68. (New) An isolated polynucleotide which hybridizes under stringent conditions to the polynucleotide of claim 67.

69. (New) An isolated antisense nucleic acid molecule comprising at least 15 contiguous nucleotides of the polynucleotide of claim 67.

70. (New) An isolated recombinant host cell containing the polynucleotide of claim 67.

71. (New) An isolated vector comprising the polynucleotide of claim 67.

72. (New) A polynucleotide comprising the nucleotide sequence of an insert contained in a clone deposited as clone number M00027169D:H06 of ATCC Deposit Number PTA-758.

73. (New) An isolated polynucleotide according to claim 67, wherein the polynucleotide is a cDNA.

74. (New) An isolated cDNA obtained by the process of amplification using a polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence of SEQ ID NO:635.

75. (New) A method for producing a polypeptide, the method comprising the steps of:
culturing a recombinant host cell containing the polynucleotide of claim 67 under conditions suitable for the expression of an encoded polypeptide;
recovering the polypeptide from the host cell culture.

76. (New) An isolated polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence having at least 90% sequence identity to a sequence selected from the group consisting of: SEQ ID NO:636, a degenerate variant of SEQ ID NO:636, and a complement of SEQ ID NO:636.

77. (New) An isolated polynucleotide which hybridizes under stringent conditions to the polynucleotide of claim 76.

78. (New) An isolated antisense nucleic acid molecule comprising at least 15 contiguous nucleotides of the polynucleotide of claim 76.

79. (New) An isolated recombinant host cell containing the polynucleotide of claim 76.

80. (New) An isolated vector comprising the polynucleotide of claim 76.

81. (New) A polynucleotide comprising the nucleotide sequence of an insert contained in a clone deposited as clone number M00023363C:A04 of ATCC Deposit Number PTA-758.

82. (New) An isolated polynucleotide according to claim 76, wherein the polynucleotide is a cDNA.

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83. (New) An isolated cDNA obtained by the process of amplification using a polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence of SEQ ID NO:636.

84. (New) A method for producing a polypeptide, the method comprising the steps of:
culturing a recombinant host cell containing the polynucleotide of claim 76 under conditions suitable for the expression of an encoded polypeptide;
recovering the polypeptide from the host cell culture.

85. (New) An isolated polynucleotide comprising at least 15 contiguous nucleotides of a nucleotide sequence having at least 90% sequence identity to a sequence selected from the group consisting of: SEQ ID NO:676, a degenerate variant of SEQ ID NO:676, and a complement of SEQ ID NO:676.

86. (New) An isolated polynucleotide which hybridizes under stringent conditions to the polynucleotide of claim 85.

87. (New) An isolated antisense nucleic acid molecule comprising at least 15 contiguous nucleotides of the polynucleotide of claim 85.

88. (New) An isolated recombinant host cell containing the polynucleotide of claim 85.

89. (New) An isolated vector comprising the polynucleotide of claim 85.

90. (New) A polynucleotide comprising the nucleotide sequence of an insert contained in a clone deposited as clone number M00022113B:A12 of ATCC Deposit Number PTA-742.

91. (New) An isolated polynucleotide according to claim 85, wherein the polynucleotide is a cDNA.

92. (New) An isolated cDNA obtained by the process of amplification using a polynucleotide

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comprising at least 15 contiguous nucleotides of a nucleotide sequence of SEQ ID NO:676.

93. (New) A method for producing a polypeptide, the method comprising the steps of:
culturing a recombinant host cell containing the polynucleotide of claim 85 under conditions
suitable for the expression of an encoded polypeptide;
recovering the polypeptide from the host cell culture.

94. (New) An isolated polynucleotide comprising at least 15 contiguous nucleotides of a
nucleotide sequence having at least 90% sequence identity to a sequence selected from the group
consisting of: SEQ ID NO:704, a degenerate variant of SEQ ID NO:704, and a complement of SEQ ID
NO:704.

95. (New) An isolated polynucleotide which hybridizes under stringent conditions to the
polynucleotide of claim 94.

96. (New) An isolated antisense nucleic acid molecule comprising at least 15 contiguous
nucleotides of the polynucleotide of claim 94.

97. (New) An isolated recombinant host cell containing the polynucleotide of claim 94.

98. (New) An isolated vector comprising the polynucleotide of claim 94.

99. (New) A polynucleotide comprising the nucleotide sequence of an insert contained in a
clone deposited as clone number M00022527D:A09 of ATCC Deposit Number PTA-741.

100. (New) An isolated polynucleotide according to claim 94, wherein the polynucleotide is a
cDNA.

101. (New) An isolated cDNA obtained by the process of amplification using a polynucleotide
comprising at least 15 contiguous nucleotides of a nucleotide sequence of SEQ ID NO:704.